CLYDE
Pneumatic Conveying

Densephase MD-Pump (C)

Pneumatic Bulk Solids Handling

Document No. CPC-INF-2100

The Clyde MD-Pump fly ash conveying system developed mainly for large capacity ESP or Fabric Filter collection systems with multiple collection hoppers.

MD-Pump (Conical) are generally fitted to the first rows of an ESP where ash accumulation is the highest. Equally, suited to the largest of Fabric Filters where ash distribution is equal.

Ultra-efficient conveying through carefully controlled loading of the conveying pipelines

Address

Clyde Pneumatic Conveying Ltd
Lakeside Boulevard
Lakeside
Doncaster
DN5 4PL
United Kingdom

Phone

+44 01302 552200

Email

sales@clydepc.co.uk

Web

www.clydepc.co.uk

ISO9001 | ISO14001

British Engineering

Key Features

Wide Range of Sizes Available	These machines range from 0.56 2.83 cu.m giving it a respectable conveying capacity ranging from 10 - 250 tph at distances up to 1200m
Fluidising Discharge Aids	interconnecting autoflow pipeline together with vessel cone fluidising and ABS ensures efficient loading of the conveying pipeline
Multi-outlet Configuration	Can be configured with multiple machines onto a single dedicated conveying pipeline from either 2 up to 8 on a common pipeline
Heavy Duty Pneumatic Valves	Fitted with the original Dome Valve throughout, the MD-Pump is highly reliable even in the most difficult of applications

Benefits

Zero Leakage	Totally efficient and effective valve sealing of pressures up to 30 barg
Extremely Reliable	Incorporating only tried and tested key components resulting in highly reliable operation in a wide range of applications
Extremely Efficient	High phase densities make this one of the most energy efficient conveying machines on the market
Unique Actuation	The Dome Valve can cut through moving or static columns of bulk material

Custom Features

Dome Coatings	Electro-nickle plating or Polymer coating for cohesive and abrasive materials
Temperature Rating	Water-cooling to achieve operating temperatures beyond 200 deg C up to 450 deg
Instrumentation	Instruments can be upgraded to meet various standard including ATEX
Pneumatic Piping	Standard nylon piping can be upgrading to suit plant specification (stainless, copper, UPVC coated copper etc)